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6. 9/11/05

SUBSTITUTE SPECIFICATION

Formerly: TRANSLATION

WO 01/02291

PCTADE00/02164

DEVICE TO GENERATE A PLASMA FOR THE PRODUCTION OF OZONE
AND/OR OXYGEN IONS IN THE AIR

Technical area:

The invention relates to a device to generate a plasma for the production of ozone and/or oxygen ions in the air, based on the principle of dielectrically impeded discharge, with two electrodes to which a high voltage from an alternating voltage generator is applied and between which an electrically insulating element is situated according to the generic part of Patent Claim 1.

State of the art:

The generation of ozone by producing a plasma based on the principle of dielectrically impeded discharge has been known for about 100 years. Especially the